

2-1/c #10 XLP-USE cable to each luminaire For each luminaire use 2 pole fused quick risease.

POLE STANDARDS

TWIN TRUSS ARM

-30 (1½") Conduit hub

— 100 Amp (larger as required) fused disconnect switch with solid neutral and lackable external handle

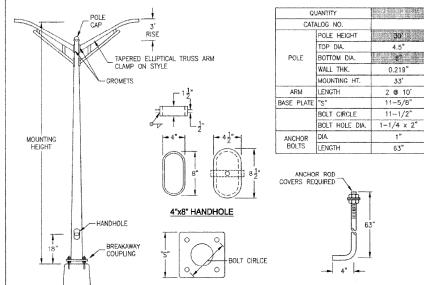
(%" x 10'-0")
Copper cald
ground rod

- Service raceway

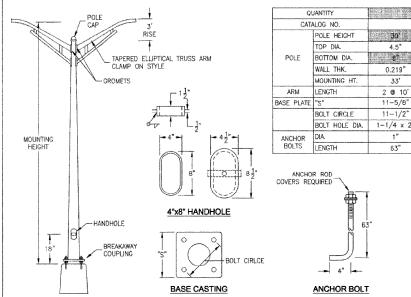
SERVICE POLE

- SHAFTS ARE ONE SECTION DESIGN FABRICATED FROM 6063 T6 ALUMINUM EXTRUSION—SPUN TAPERED. BASE CASTING IS 356 T6 CAST ALUMINUM. THE POLE SHAFT TELESCOPES INTO THE BASE CASTING AND IS CIRCUMFERENTIALLY WELDED TOP AND BOTTOM.
- CIRCUMERECHIBELT WELDED TOP AND BOTTOM.

 ANCHOR BOLTS ARE FABRICATED FROM STRUCTURAL QUALITY HOT ROLLED CARBON STEEL BAR, HAVING MINIMUM YIELD STRENGTH OF 50,000 P.S.I. BOLTS HAVE AN "L" BEND ON THE END. THE THREADS PLUS 3 INCHES ARE GALVANIZED. ANCHOR BOLTS ARE SUPPLIED WITH TWO NUTS AND TWO WASHERS ATTACHED.
- ALL WORK ON LIGHT POLES SHALL CONFORM TO SECTION 830 OF THE STANDARDS SPECIFICATIONS.



- ALL POLES TO BE SHALL BE PAINTED BLACK WITH A SATIN FINISH.



ENGINEERING
CONSULTING OFFILE RENNERS
LAND SURVEYORS
DESIGN FIRM LICENSE #184-001136

367 SOUTH KANKAKEE, I PHONE (81

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KANKAKEE 41 26

ROAD DIST. NO. ILLINOIS FED. AD PROJECT

* BURNS ROAD WEST - FAU 6212

not scale drawings. Use dimensions only entractor shall be responsible for erifying all dimensions.

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REVISIONS			
NO.	DATE	BY	DESCRIPTION
1	3/12/07	MRG	PER IDOT REVIE
2	4/13/07	MRG	PER IDOT REVIE
3	4/9/09	MRG	PHASING
4	5/8/09	MRG	PER IDOT REVIE

TING INSTALL DETAILS

SURNS ROAD WEST FROM BURNING BUSH DRIVE TO U.S. ROUTE 45/52 **IMPROVEMENTS**

ROPOSED $\mathbf{\omega}$ 靣

DATE:

SECTION 03-00058-00-	FP
1/29/07	JOB NO. E05055

FILE NO.

SINGLE TRUSS ARM

- SHAFTS ARE ONE SECTION DESIGN FABRICATED FROM 6063 16 ALUMINUM EXTRUSION-SPUN TAPERED.
- SHAFTS ARE ONE SECTION DESIGN FABRICATED FROM 6005 TO ALDMINUM EXTRUSION—SPON TAPERED.

 BASE CASTINO IS 356 TO CAST ALDMINUM. THE POLE SHAFT TELESCOPES INTO THE BASE CASTING AND IS CIRCUMFERENTIALLY WELDED TOP AND BOTTOM.

 ANCHOR BOLTS ARE FABRICATED FROM STRUCTURAL QUALITY HOT ROLLED CARBON STEEL BAR, HAVING MINIMUM YIELD STRENGTH OF 50,000 P.S.I. BOLTS HAVE AN TAY BEND ON THE END. THE THREADS PLUS 3 INCHES ARE GALVANIZED. ANCHOR BOLTS ARE SUPPLIED WITH TWO NUTS AND TWO WASHERS ATTACHED.
- ALL POLES TO BE SHALL BE PAINTED BLACK WITH A SATIN FINISH.
 ALL WORK ON LIGHT POLES SHALL CONFORM TO SECTION 830 OF THE STANDARDS SPECIFICATIONS.

